

PILELIC, A.

Business telegraphic communications between Yugoslavia and America. p. 6.
(Hempro-bilten, Vol. 7, No. 4, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

PILETIC, A.

16th Congress of the International Chamber of Commerce, p. 13.
(Hempro-bilten, Vol. 7, No. 4, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

BASTIC, Borivoje L.; PILETIC, Miroslav V.

Study of benzotriazoles, benzimidazoles, and benzoxazoles.

Pt. 1. Glas Hem dr 28 no.3/4:149-155 '63

1. Faculty of Technology, Institute of Organic Chemistry, Belgrade.

VOLOZHANIN, V.V.; PILETSKAYA, A.M.

Pediatric services at a rural medical center. Sov. zdav. 13
no.4:44-48 J1-Ag '54. (MLRA 7:9)

1. Zav. Sinyavskim vrachebnym uchastkom (for Volozhanin) 2.
St. sotrudnik Rostovskogo pediatricheskogo instituta (for Piletskaya)

(RURAL CONDITIONS,

in Russia, pediatric serv. in rural med. centers)

(PEDIATRICS,

in Russia, pediatric serv. in rural med. centers)

(PUBLIC HEALTH,

in Russia, rural med. centers, pediatric serv. in)

PILETSKAYA, A.M.

Qualitative data on prophylactic service for babies in a rural medical district. Vop.okh.mat. i det. 2 no.):62-69 My-Je '57.

(MLRA 10:7)

1. Iz Rostovskogo nauchno-issledovatel'skogo instituta akusherstva i pediatrii Ministerstva zdravookhraneniya RSFSR (dir. - kandidat meditsinskikh nauk F.S.Barenovskaya, nauchnyy rukovoditel' - prof. I.Ya.Serebriyskiy)

(INFANTS--CARE AND HYGIENE)

PILETSKAYA, A.M.

~~Medical~~ services for small children at a rural medical center.
Vop. okh. mat. 1 det. 2 no.2:80-85 Mr-Apr '57 (MLRA 10:4)

1. Iz Rostovskogo nauchno-issledovatel'skogo instituta
akusherstva i pediatrii Ministerstva zdravookhraneniya RSFSR (Dir-
kandidat meditsinskikh nauk F.S. Baranovskaya, nauchnyy rukovoditel'-
prof. I.Ya. Serebriyskiy)
(MEDICINE, RURAL) (CHILDREN--CARE AND HYGIENE)

PILETSKAYA, E.M.; FEDER, M.I.

Clinico-epidemiologic aspects of goat type
brucellosis in man. Zh. mikrobiol., Moskva No.1:
17-22 Jan 1954. (CML 25:5)

1. Of Stavropol' Regional Anti-Brucellosis Station
(Head Physician — Ye. M. Piletskaya).

PILETSKAYA, I. B.

USSR/ Metals
Steel
Titanium

Mar 1948

"Effect of Titanium and Compatible Additions of Boron, Vanadium, and Titanium on the Crystallization of Steel", V. Ye. Neymark, Candidate Phys Math Sci; I. B. Piletskaya, Engr; R. I. Entin, Candidate Tech Sci, Inst of Metallophys TsNIChM, 7 pp

"Stal'" No 3 - p. 248-54

Small additions of titanium improve structure of primary crystallization of carbon steel and increase stability of austenite and annealed steels. Introducing combination of small amounts of vanadium, boron, and titanium has even more noticeable effect. Data obtained does much toward facilitating proper choice of modifying additions.

PA 43/43T77

1118758411 2 0
KOGAN, L.I.; NEYMARK, V.Ye., kand.fiz.-mat.nauk; PILETSKAYA, I.B.;
ENTIN, R.I., kand.tekhn.nauk

Effect of certain small addition elements on steel crystallization and
recrystallization processes. Probl.metalloved.1 fiz. met. no.[1]:225-274
'49. (MIRA 11:4)

1.Laboratoriya fazovykh prevrashcheniy i Laboratoriya kristallizatsii
TSentral'nogo nauchno-issledovatel' skogo instituta chernoy metallurgii.
(Steel alloys--Metallography)
(Solidification)

PIIUTSKAYA I.B.
REYMARK, V.Ye., kand. fiz. nat. nauk; PIIUTSKAYA, I.B.

Sigma phase in cast 25-20 chromium-nickel steel. Probl. metalloved.
1 fiz. nat. no. 2:48-63 '51. (MIRA 11:4)
(Chromium-nickel steel—Metallography)

PILETSKAYA, I. D.

U S S R .

The size of the secondary austenitic grain is determined by the heating temperature and the time of heating. D. S. Kamenskaya and I. D. Piletskaya. Zhur. Tekh. Fiz. 24, 80-8 (1954). When steel with 0.08% Al is heated in a salt bath for 1 hr. to 800-900° and cooled in air, the austenitic grain is smaller than in steel without Al. If the heating is done at 1250° the grain is larger. Al (as ferroaluminum) was introduced into a steel contg. C 0.43; Mn 0.73; Si 0.30; P 0.010; S 0.017%. The samples were heated in a salt bath at 800 and 920° for 1.5-2.5 min. and then quenched with H₂O. These tests show that Al furthers the creation of growth centers of austenite, but decreases the rate of growth of these centers. From theoretical considerations of a rate process it is shown that Al decreases the boundary and surface energy at the boundary between the austenite nucleus and the pearlite grain and increases the activation energy. S. Fokker

M. 201

Evaluation B-78945

PILETSKAYA, I. B.

✓ Superheating of a solid in vacuum. D. S. Kametzkaya and I. B. Piletskaya. *Doklady Akad. Nauk S.S.S.R.* 94, 682 (1954). ~~Abstract~~ that a substance can be fused in a vacuum only when its vapor pressure at the fusion temp. is lower than the vacuum is directly derived thermodynamically, and requires no verification. The investigation of the Mg vapor pressure was undertaken to test the possibility of superheating it in a vacuum. Mg rods, diam. 30 mm. and 20 mm. long, had a well drilled in the center to insert a thermocouple, and were heated in a high-frequency induction vacuum furnace at 10^{-3} mm. Hg pressure. The heating rate was regulated by varying the current passing through the metal. The metal was completely vaporized when kept sufficiently long at the temp. However, with sufficiently rapid heating, the metal had no time to vaporize, and could be heated higher than permitted by the vapor-pressure equil. requirements at 10^{-3} mm. pressure. The max. superheat temp. reached in the tests was 770° , at approx. 300° above the sublimation temp. at that pressure, and 120° above the triple point. The results are likened to the superheating of a liquid above its b.p. in the absence of vapor-formation centers. W. M. Sternberg.

①
62

Evolution B-77863

KAMENETSKAYA, D.S., kand.fiz.-mat.nauk; PILETSKAYA, I.B.

Mechanism of the effect of aluminum on secondary austenite grain in steel. Probl. metalloved. i fiz. met. no.4:103-112 '55. (MIRA 11:4)
(Steel--Metallography) (Aluminum) (Austenite)

Piletskaya; I. B.

FIZIKA METALLOV I METALLOVEDENIE
Physics of Metals and Metallography

Vol 2, Nr 2, 1956

Signed for print April 29, 1956

Influence of over-heating of liquid steel on its crystallization.

In this paper the influence of over-heating of the liquid steel on its structure in absence of active extraneous particles and small additions of soluble admixtures and in presence of soluble and non-soluble mixtures is considered on the basis of investigations with steels containing respectively 0.42% C, 0.7% Mn, no aluminium and 27% Cr, 0.08% C, 0.7% Mn; the melts were carried out in high frequency vacuum furnaces in Al_2O_3 crucibles. The obtained results confirm the general validity of relations governing crystallization of organic substances, low melting point and also high melting point metals and alloys, including steel.

By D. S. Kamenetskaya, I. B. Piletskaya and E.P. Rakhmanova.

PILETSKAYA, I. B.

18
Influence of overheating liquid steel on its crystallization.
D. S. Kamenevskaya, G. B. Piletskaya, and R. P. Bakh-
manova. *Phys. Metal. & Metallurgy*, 1958, Nauka S.S.S.R.,
Ural. Filial 2, 254-8 (1958).—A 0.42% C, 0.7% Mn open
steel was remelted and a 0.08% C, 27% Cr, 0.6% Mn steel
melted in Al_2O_3 crucibles in vacuum furnaces evacuated and
then filled with A. Both steels were overheated above their
m.p. up to 300° and held at the temp. for different times.
They were cast in A under identical conditions. Micro-
scopic examn. showed that higher overheating and longer
time at temp. enlarges the grain of both steels through de-
activation of insol. impurities. In the 27% Cr alloy, orig-
inal grain size increase is followed by the refinement of the
latter, suggesting a complete deactivation of impurities and
spontaneous crystal-
I. D. Gai

KAMENETSKAYA, D.S., kand. fiz.-mat. nauk: PILETSKAYA, I. S.

Vacuum smelting. Probl. metallurgy. 1 fiz. mat. nauk. 1988.
(Vacuum metallurgy) (Solids) (MIRA 114)

KAMENETSKAYA, D.S.; PILETSKAYA, I.B.

Development of vacuum metallurgy abroad (From foreign journals).
Stal' 16 no.1:72-79 '56. (MLBA 9:5)

1. Institut metallovedeniya i fiziki metallov Tsentral'nogo
nauchno-issledovatel'skogo instituta chernoy metallurgii.
(Electrometallurgy)

FILETCKH4H 13

Category : U.S.S.R. Scientific and Technical Information
Solid 41

Abstr Jour : J. of Phys. Chem. 1967, 71, 1, 1-10

Author : K. A. Melnikov, L. A. Lebedev, L. A. Lebedev, L. A.
Title : Effect of crystallization on the crystallization

Orig Pub : Fizika tverdogo tela, 1967, 1, 1, 1-10

Abstract : The effects of superheating liquid tin and of the liquid and insoluble impurities on its structure were studied. The subjects of the investigation were specimens obtained with a vacuum, 0.7 mm Hg, and under no vacuum, and heated with 570 ohms, 1.5 mm Hg, and 1.5 mm Hg. The melting was in 10.0 mm Hg, 1.5 mm Hg, high-frequency thermocouples. All batches were cooled at the same temperature but could hold in 10.0 mm Hg, 1.5 mm Hg, influence of heat removal on the size of the grain. It is shown that in the case of a liquid of either type, the grain size in air or in vacuum, the size of the grain increases with increasing superheat and duration of the heating in the liquid state, and the character of the cast structure changes. It was observed that increasing

Card : 107

137, 1957, 12, 134, 16
Translation from: Referativnyi zhurnal. Metallurgiya, 1957, No. 12, p. 134, 1957

AUTHORS: Kamenetskaya, D. S. Piletskaya, I. B. Rakhmanov, E. P.

TITLE: The Effect of Overheating on the Crystallization of Liquid Steel
(Vliyaniye peregreva zhidkoy stali na yeye kristallizatsiyu)

PERIODICAL: Vsesoyuz. fiz. khim. obozreniya proizv. stali. Moscow, AN SSSR
1957, pp 683-689. Disko. 781-791. See RZhMet, 1957, No. 1,
404

ABSTRACT: Bibliographic entry

1. Liquid steel-heat treatment-Thermal effects. 2. Bibliography

Card 1 1

PLANS 1 BOOK EXPLANATION 307/414	
Abdumalya Saub 333. Komitsya po fiziko-khimicheskim osnovam proizvodstva stali Primeneniye volnnykh i metallurgii (Use of Waves in Metallurgy) Moscow, Izdat- so SSSR, 1960. 134 p. Article also inserted. 4,500 copies printed.	
Spetsialnyy Agenty, Abdumalya Saub 333. Institut metallurgii i stali A.S. Maybora. Komitsya po fiziko-khimicheskim osnovam proizvodstva stali.	
Resp. M.A. A.M. Ismailov, Corresponding Member, Academy of Sciences USSR; M. of Publishing House: G.M. Makovskiy; Tech. Ed.: S.G. Markovitch.	
PREFACE: This collection of articles is intended for technical personnel interest- ed in recent studies and developments of vacuum steelmaking practice and equip- ment.	
CONTENTS: The book contains information on steel setting in vacuum induction fur- naces, and some other vacuum steelmaking processes. It includes data on vacuum and jetting of steel and alloys. The production of equipment and equipment, especially vacuum furnaces and vacuum booster pumps is also analyzed. Personalities are mentioned in connection with some of the articles and will appear in the table of contents. Three articles have been translated from English. Some of the	
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AVAILABLE: Library of Congress	

PILETSKAYA YE U

PILETSKAYA, Ye.M.; FEDER, M.L.

Clinico-epidemiologic aspects of caprine brucellosis in man.

Zhur.mikrobiol.epid.i immun. no.1:17-22 Ja '54. (MLRA 7:2)

1. Iz Stavropol'skoy krayevoy protivobrutselleznoy stantsii
(glavnyy vrach Ye.M.Piletskaya). (Brucellosis)

GOLUBEVA, A.A., LIXONOS, A.N., MARKARYAN, A.G., PILETSKAYA, Ye.M.

Incidence of brucellosis in Stavropol Territory. Zdrav.Ros.Fed.
2 no.9:18-21 S'69 (MIRA 11:10)

1. Iz Instituta epidemiologii i mikrobiologii i Stavropol'skoy
krayevoy sanitarno-epidemiologicheskoy stantsii.
(STAVROPOL TERRITORY--BRUCELLOSIS)

KALASHNIKOV, I.V.; BAKOVA, K.L.; PILETSKIKH, V.Ya. -

Comment on the article by V.S.Khokhriakov and A.F.Tkachev
"Transportation at the open pit must be under the control
of the pit." Gor.zhur. no.2:76-77 F '61. (MIRA 14:4)

1. Upravlyayushchiy Polunochnym rudoupravleniyem (for Kalashnikov).
 2. Nachal'nik planovogo otdela Polunochnogo rudoupravleniya (for Bakova).
 3. Tekhruk Pervogo Severnogo rudnika (for Piletskikh).
- (Mine haulage) (Strip mining)
(Khokhriakov, V.S.) (Tkachev, A.F.)

FILETSKIS, S. A.: *My Father's Story* (1964) -- "The Story of a Russian Soldier
in the Service of the German SS". Vilnius, 1964. (Mikolajewski, J. J., ed.,
SSR, Vilnius State Univ. Press), 1964. (EL, 1964, 1965, 1966)

PILETSKIY, A.M.

Universal device for lapping shaped parts. Mashinostroitel'
no. 5125 My '64. (MIRA 1717)

PILETSKIY, I.

How we prepare bank specialists. Den. 1 kred. 16 no. 2: 59-61 7 '59.
(Brest Province--Finance--Study and teaching) (MIRA 11:3)

SYSOYEV, N.; PILETSKIY, I.

State Bank business and people. Den.1 kred. 18 no.11:39-43
N'60. (MIRA 15:11)

1. Zamestitel' upravlyayushchego Sverdlovskoy kontoroy Gosbanka
(for Sysoyev).
 2. Upravlyayushchiy Brestskoy kontoroy Gosbanka
(for Piletskiy).
- (Bank)

PILETSKIY, I.

Increase the enrollment of bank workers in correspondence schools.
Den. i kred. 19 no. 6:43-46 Je '61. (MIRA 14:6)

1. Upravlyayushchiy Brestskoy kontoroy Gosbanka.
(Brest Province—Bank employees—Education and training)
(Correspondence schools and courses)

PILETSKIY, M.

"Actinomycosis of the face, jaws, and neck and contemporary
methods of treating it" by K.I. Berdygan. Reviewed by M. Piletski.
Zdrav.Belor. 4 no.3:73-74 Mr '58. (MIRA 13:7)
(ACTINOMYCOSIS)

PILETSKIY, M.

"Bibliographical index of native literature dealing with surgical treatment of pulmonary tuberculosis for the years 1917-1959".
by G.S.Levin. Reviewed by M.Riletskii. Zdrav. Bel. 9 no.2:86
F '63. (MIRA 10:7)
(BIBLIOGRAPHY--TUBERCULOSIS) (LEVIN, G.S.)

PILETSKIY, M.

"Problems of endocrinology." Part 1. Reviewed by M.Piletskiy.
Zdrav.Bel. 7 no.8:77-78 Ag '61. (MIA 1967,
(ENDOCRINOLOGY)

PILETSKIY, M.

"Public health in the White Russian S. S. R. for 40 years
(1919 - 1958). An index to the literature" by I.I. Vakser,
G.D. Stubailo and V.A. Chistova. Reviewed by M. Piletskii.
Zdrav. Bel. 8 no.4:73-74 Ap '62. (MIRA 15:6)

(WHITE RUSSIA--PUBLIC HEALTH)
(VAKSER, I.I.) (STUBAILO, G.D.) (CHISTOVA, V.A.)

PLISAN, O.; PILETSKIY, M.

Book reviews and bibliography. Zdrav. bel. 8 no.6: 77 Ja'62.
(MIA 16:8)

(NO SUBJECT HEADINGS)

PILETSKIY, M.

"Hygiene of school-age children" by M.A.Gavrilovich, A.G.Saet,
V.I.Snchigel'skii. Reviewed by M.Piletskii. Zdrav. Bel. 7 no,5:
74 My '61. (MIRA 14:6)
(CHILDREN CARE AND HYGIENE) (GAVRILOVICH, M.A.)
(SAET, A.G.) (GAVRILOVICH, M.A.)

KAMYSHNIKOV, S.; PILETSKIY, M.

Work of "Zdravokhranenie Belorussii" for 1959 and the tasks for
1960. Zdrav. Belor. 6 no. 5:74-76 My '60. (MIRA 13:10)
(PUBLIC HEALTH---PERIODICALS)

PILETSKIY, M.

"You will live; essays about persons in medical service" by P.Tormosov.
Reviewed by M.Piletskii. Zdrav. Bel. 6 no.11:77-78 N '60.

(MIRA 13:12)

(PHYSICIANS, RUSSIAN)

(TORMOSOV, P.)

KLEBANOV, G.; PILETSKIY, M.

Plenum of the Central Committee of the White Russian Red Cross.
Zdrav. Belor. 5 no.2:68-69 F '59. (MIRA 12:7)
(WHITE RUSSIA--RED CROSS)

KAMYSHNIKOV, S.; KLEBANOV, G.; PILETSKIY, M.

Eighth Congress of the White Russian Red Cross Society. Zdrav.
Bel. 7 no. 5:64-67 My '61. (MIRA 14:6)
(WHITE RUSSIA--RED CROSS--CONGRESSES)

PILETSKIY, M ----Physician

In another long article on page 3, "Poor Propagandization of Advances," physician M. Piletskiy accuses the Grodnensk Oblast department of health of not popularizing the good work of a number of therapeutic institutions. This has hindered the backward institutions from imitating the experience of better ones.

SO: Meditsinskiy Rabotnik, 83-1411, 11 Oct 1955, Encl

PILETSKIY, M.; KAMYSHNIKOV, S.

Seminar of public health system organizers from European countries.
Zdrav. Belor. 5 no.11:71-72 N 159. (MIRA 13:3)
(WHITE RUSSIA--PUBLIC HEALTH)

PILETSKIY, M.

At the session of the Minsk Province Council of Workers' Deputies.
Zdrav. Belor. 5 no.11:73-74 N 199. (MIRA 13:3)
(MINSK PROVINCE--PUBLIC HEALTH)

PILETSKIY, M.

Plenum of the Medical Council of the Ministry of Public Health of
the White Russian S.S.R. Zdrav. Belor. 5 no.10:75-76 0 '59.

(MIRA 13:2)

(WHITE RUSSIA--MEDICINE)

PILETSKIY, M.

Meeting devoted to medical care. Zdrav. Belor. 6 no. 5:70-71
My '60. (MIRA 13:10)
(CHERVEN--MEDICAL CARE)

PILETSKIY, M.

Plenum of the Minsk Province Committee of the Medical Worker's
Union. Zdrav. Bel. 7 no.3:72-73 Mr '61. (MIRA 2413)
(MINSK PROVINCE—MEDICAL CARE)

KAMYSHNIKOV, S.; PILETSKII, M. —

"Collection of works of the White Russian Institute of Advanced
Training for Physicians, Vol. 1". Reviewed by S. Kamyshnikov.
M. Piletskii. Zdrav. Belor. 5 no.3:75-77 Mr '59. (MIRA 12:7)
(MEDICINE)

PILETSKIY, M.

Conference of Minsk Province medical personnel. Zirav, Belor.
5 no.8:76-77 Ag '59. (MIRA 12:10)
(MINSK PROVINCE--MEDICINE)

KANYSHNIKOV, S.; KLEBANOV, G.; PILETSKIY, M.

Second Conference of Therapeutists of the White Russian S.S.R.
Zdrav.Belor. 5 no.1:62-68 Ja '60. (MIRA 13:5)
(WHITE RUSSIA--THERAPEUTICS)

PILETSKIY, M.

Ten years of operation of the Medical Nurses' Council. Zdrav.
Belor. 6 no.2:73 '60. (MIRA 13:6)
(NURSES AND NURSING)

KLEBANOV, G.; FILETSKIY, M.

Republican conference-seminar on medical expert testimony. Zdrav.
Bel. 7 no.6:73-76 Je '61. K 15:2,
(MEDICAL JURISPRUDENCE CONGRESS)

PILETSKIY, M.

"Collected research papers of the First Clinical Hospital in Minsk"
reviewed by M. Piletskiy. Zbirav. Bel. 7 no. 6: 77-78 Je '61.

(MLA 1962)

(MEDICINE)

PILETSKIY, M.

"Medicinal preparations." Reviewed by M.Piletskii. Zdrav. Bel.
7 no.9:79 S '61: (MIRA 1.:10)
(DRUGS)

PILETSKIY, M.

"Collection of works of the White Russian State Institute for
Postgraduate Medical Training." Vol. 2 (Part 1). Reviewed by
M.Piletskii. Zdrav.Bel. 7 no.11:74-76 N '61. (MIRA 15:11)
(MEDICINE)

PILETSKIY, M.

"Collected scientific works, Vol.24. Minsk State Medical Institute."
Zdrav.Bel. no.3:77-78 '62. (MIRA 1965)
(MEDICINE)

MOGILEVCHIK, Z.K.; GABRILOV, N.I.; KURCHIN, N.I.; DMITRIYEV, A.;
KANTOR, D.; KLEMANOV, M.; KULEVSKIY, M.

Congresses, conferences, meetings. Zdrav. bel. 8 no.6:68 Je'62.
(MIRA 16:8)

(NO SUBJECT HEADINGS)

FILETSKIY, M.

Seventy Minutes of the Conference on the Trade Union and
Personnel. Zhurnal. No. 10. 1963. p. 103.

PILETSKIY, M.

Review of the collection of transactions of the Second Scientific Session of the Grodno Medical Institute. Zdrav. Bel. 9 p. 1992-93 J1'63 (MIRA 1994)

KLEBANOV, G.; PILETSKIY, M.

Republic Conference of the Trade Union of Medical Personnel.
Zdrav. Bel. 9 no.8:89-91 Ag'67 (MIRA : :)

KAMTSHENIKOV, S.G.: PILETSKIY, M.I. ,

"Medical problems in athletics" by V.N. Kovalenko. Reviewed by
S.G. Kamyshenikov, M.I. Piletskiy. Zdrav. Belor. 6 no.3:76-77
Mr '60. (MIRA 13:5)

(SPORTS--HYGIENIC ASPECTS)
(KOVALENKO, V.N.)

PILETCHIN, N. I.

USSR

Railroad Schedule for the year of 1941

Source: N. N. Kharin, "Pervaya Pecheninskaya"

Pecheninskaya Pecheninskaya Pecheninskaya

Abstracted in "Treasure Island" Report No. 745, on file in Library of Congress, in Information Division.

PILETSKIY, V.A.; SOLOVEYCHIK, M.Z.; KAMINSKIY, Yu.K.; LUTSENKO, I.G.;
VABADZHANOVA, V.I.; KLYSHNIKOV, F.L.; FRIDMAN, M.I.; KHITROV,
P.A., tekhn.red.

[Traveler's guidebook] Spravochnik passazhira. Moskva, Gos.
transp.zhel-dor.izd-vo, 1959. 289 p. (MIRA 12:11)
(Guidebooks) (Transportation)

PILEYCHIKAS, V.A. [Pileičikas, V.A.]

Loading bricks without using trays. Stroi.dat. 6 no. 1:20-27
My '60. (MIRA 13:7)

1. Glavnyy inzhener Garlyavskogo kirpichnogo zavoda, Litovskoy SSR.
(Lithuania--Bricks--Transportation)

PILETSKIY, V.A.; SOLOVEYCHIK, M.Z.; KLYSHNIKOV, F.L.; BABADZHANOVA,
V.I.; LUTSENKO, I.G.; KAMINSKIY, Yu.K.; KARPOVA, N.L.,
red.; KHITROV, P.A., tekhn. red.

[Passenger's manual] Spravochnik passazhira. Moskva, Trans-
zheldorizdat, 1963. 334 p. (MIRA 16:6)
(Transportation--Timetables)

PILETSKIY, V.A.; SOLOVEYCHIK, M.A.; KLYSHNIKOV, F.L.; BABADZHANOVA, V.I.;
LUTSENKO, I.G.; KAMINSKIY, Yu.K.; FRIDMAN, M.I.; KARPOVA, N.L.,
red.; BOBROVA, Ye.N., tekhn. red.

[Passenger's handbook] Spravochnik passazhira. Moskva, Trans-
zheldorizdat, 1962. 367 p. (MIRA 15:6)
(Transportation--Timetables)

BABADZHANOVA, Vera Ivanovna; KAVINUKHIN, Yurly Konstantinovich;
KLYMENTYEV, Fedot Ivanovich; LUTCHENKO, Ilarion
Gerasimovich; MUKHOMOROV, Vasilian Aleksandrovich;
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Transport, 1961. 88 p. (MIRA 18:8)

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Accurate rapid control of acrylic dyestuff composition. Leg. prom.
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No.58 of the Stalinogorskugol' Trust. Nauch. trudy MGI no.38:225-
244 '61. (MIRA 15:10)
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2. The second part of the document is a list of the names of the individuals who were involved in the project.

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red.; SOKOLOV, D.V., zam. glav. red.; TARAN, V.D., red.;
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1962. 227 p. (MIRA 15:7)

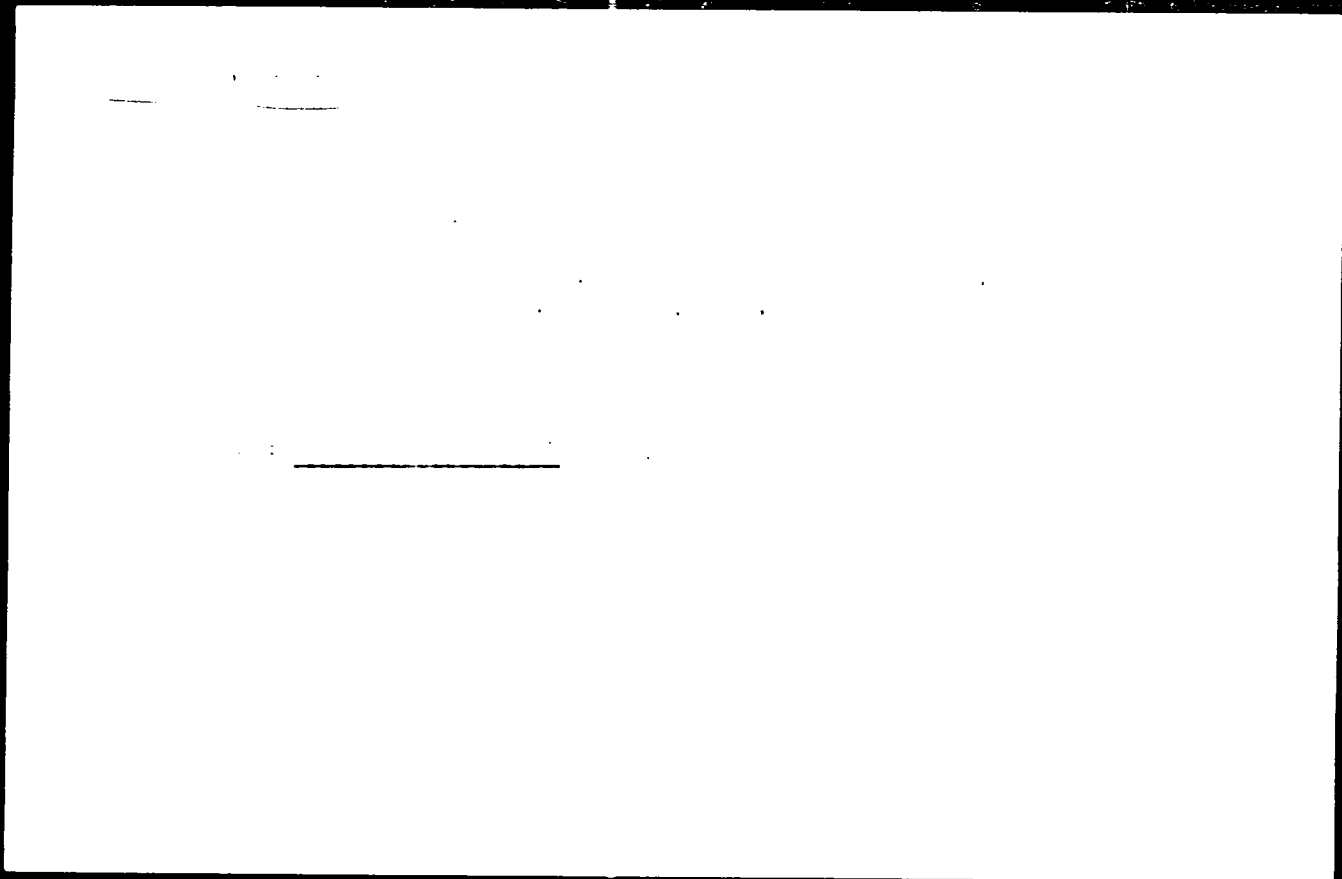
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OBUKHOV, Aleksandr Ivanovich; FILEVSKIN, Moisey Viktorovich;
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CA

8

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Reviewed in *Berg- u. hüttenmänn. Monatsh. montan. Hoch-
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VOLYNSKIY, Petr Konstantinovich [Volyns'kyi, P.K.],
prof.; PIL'GUK, Ivan Ivanovich [Pil'huk, I.I.], dots.;
MAKHLIN, N.B., red.; GOREBUNOVA, N.M. [Horbunova, N.M.],
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Early signs of cancer of the bronchus. Trudy Semipal. med. inst.
2:302-311 '59. (MIRA 15:4)

1. Kafedra rentgenologii i radiologii i Semipalatinskogo gosudarstvennogo
meditsinskogo instituta (zav.kafedroy - I.I.Pil'ger).
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(HAIR, REMOVAL OF)

(NERVOUS SYSTEM, AUTONOMIC—DISEASES)

(X RAYS—PHYSIOLOGICAL EFFECT)

PIL' GER, I.I. (Moskva)

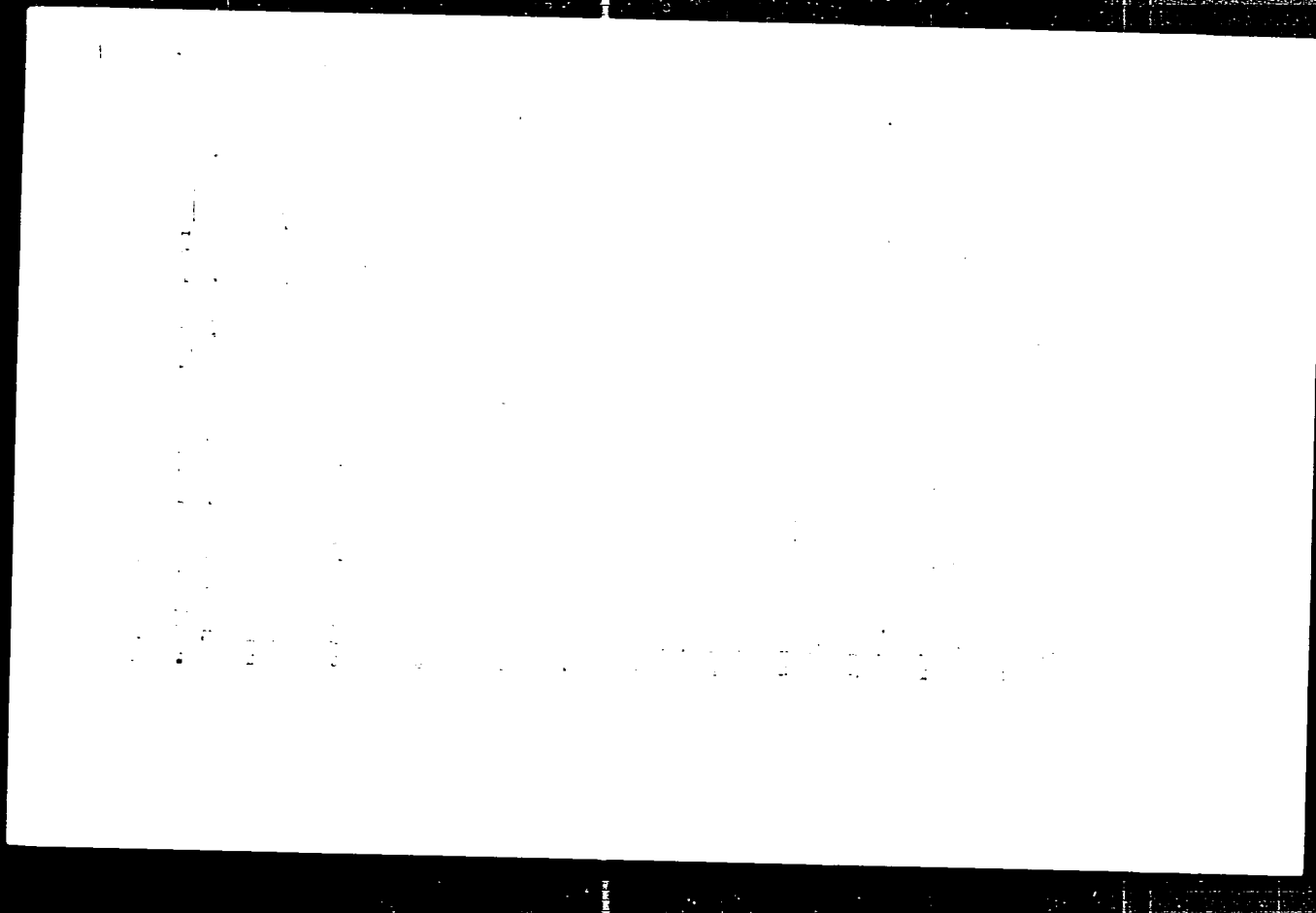
Course of pneumonia during treatment with antibiotic and sulfanilamide preparations; clinical X-ray observations. Klin.med. no.4:46-51 '62. (MIRA 15:5)

1. Iz 1-y kafedry rentgenologii i radiologii (zav. - zasluzhennyy deyatel' nauki prof. S.A. Reynberg) Tsentral'nogo instituta usovershenstvovaniya vrachey.

(PNEUMONIA) (ANTIBIOTICS) (SULFANILAMIDES)

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8/057/63/033/004/016/021
2163/2234

AUTHORS: Morozov, P. M., and Pil'gunov, L. H.
TITLE: A source of molecular hydrogen ions for the "OGRA" apparatus
PERIODICAL: Zhurnal tekhnicheskoy fiziki, v. 33, no. 4, 1963, 470 - 478

TEXT: An ion source is described which shall inject H_2^+ -ions with an energy up to 200 kev into a magnetic plasma trap of the OGPA (OGRA)-type. The arcdischARGE in hydrogen burning in a longitudinal magnetic field, the mass spectra of the produced ions, and their dependence on the discharge parameters and other factors were studied. The mass spectrometer used 180°-deflection in a homogeneous magnetic field of 2400 oersted. The constructional principle of the ion source is the same as the source for isotope separation described earlier (P. M. Morozov et al., Proceedings of the Second Geneva Conference). First, the characteristics of the arc discharge (dependence of the currents to the discharge chamber and to the auxiliary electrode on the potential difference V_K between both) were measured without an accelerating electric field. If V_K is negative, i.e.
Card 1/3

A source of molecular hydrogen...

S/057/63/033/004/016/021
B163/B234

if the chamber is negative with respect to the auxiliary electrode, both currents attain a saturation value for $V_K < -10v$. If V_K is positive, the ion current to the chamber becomes electronic, and the current to the auxiliary electrode decreases and changes sign for $V_K > 30 v$. Calorimetric measurements of the power dissipated to the electrodes showed that this change of currents is due to a change in the direction of motion of the secondary electrons formed in the gas volume, and that the primary electrons from the cathode go to the auxiliary electrode, independent of the sign and value of V_K . For negative V_K between -20 and -10 v, 84 % molecular ions are formed, whereas for $V_K = + 20 v$ there are only 35 %.

It is concluded that the molecular ions are destroyed by interaction with secondary electrons formed in the gas volume and on the surface of the auxiliary electrode. The mass spectrometric analysis shows that the molecular ion current first increases with increasing discharge current, and then becomes constant, while the proton current shows an almost linear increase whose slope increases with increasing discharge voltage. The percentage of molecular ions decreases if the gas supply is increased.

Card 2/3

A source of molecular hydrogen...

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In order to reduce the harmful influence of multistage processes which destroy molecular ions the discharge should be arranged very near to the extraction slit. It is further expedient to extract the ions from the discharge in perpendicular direction to a magnetic field at a minimal distance (of the order of 0.2 mm) between the front face of the cathode and the cover of the gas discharge chamber, because in this case the path which the ions have to follow through the plasma becomes minimal. There are 8 figures.

SUBMITTED: January 25, 1962 (initially)
May 18, 1962 (after revision)

Card 3/3

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resistance. Trudy Lab. gidrogeol.probl. 14:233-242 '57.

(Engineering geology)

(MIRA 11:5)

(Mathematical statistics)

MASLOV, Nikolay Nikolayevich, prof., doktor tekhn.nauk; PIL'GUNOVA,
Zoya Vasil'yevna, kand. geol.-mineral.nauk; RODIONOV, N.V.,
red.; BORUNOV, N.I., tekhn.red.

[Dams of North Africa; from the design and construction
practice] Plotiny Severnoi Afriki; iz praktiki proektirovaniia
i stroitel'stva. Moskva, Gos.energ.izd-vo, 1960. 133 p.

(MIRA 13:5)

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On: Monthly List of Russian Accessions, vol. 6 no. 11 February 1954

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Murine rodents eat up moss capsules. Bot. zhurn. 50 no. 11:
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1. Institut botaniki AN UkrSSR i Institut zoologii AN UkrSSR,
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PILICH, L.; KONASIK, S.

Simplification in computing multistoried frames. p. 158

Vol. 12, no. 5, May 1955
INZYNIERIA I BUDOWNICTWO
Warszawa

Source: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2
Feb. 1956

PILICH, Leon, mgr inż.

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Warsaw. Inz i bud 19 no.7:264-267 JI '62.

1. Warszawskie Biuro Projektow Budownictwa Przemyslowego,
Warszawa.

PILICHOWSKI, B.

"Yellow Soap with Sulfocloride of Aromatic Hydrocarbon." p.262
(PRZEMYSŁ POLNY I SPOTYCZY Vol. (2) no. 7, July 1953 Warszawa, Poland.

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, Mar 1954/Uncl.

PILICHOWSKI, B.

Household soap with "Mersol" addition. B. Pilichowski
(Zakład Detergentów GIPRIŚ, Warsaw). *Prace GOSPOD.*
Inst. Przemysłu Rolnego i Spółniczego 3, No. 3, 43-7(1954). CH
—Household soap was prepd. by mixing up to 11% Mersol D,
Mersol H, or Mersol 30 into soap contg. 57-60% fat as
ordinarily used. Addn. is limited to 11%, as all the Mersols
contain about 2.16% NaCl and the finished soap should
contain no more than 0.5% NaCl. The soap obtained
shows slightly better washing properties; the improvement,
however, is statistically insignificant. Werner Jacobson

PILICHOWSKI, B.
POL.

Pilichowski B. Household Soap with Mersolate Content.

"Mydło gospodarcze z dodatkiem mersolatu", (Prace Ch. Inst. Przem. Chm.: 1 Spół. No. 3), Warszawa, 1951, PWT, 4 pp., 1 fig.

A hard 57-per cent household soap was obtained, in which 11 per cent of sulphonersolate acids from sodium mersolate were substituted for the equivalent quantity of fatty acids. The proportion of mersolate to be used depends on its sodium chloride content. The efficacy of the soap concerned is not inferior to that of ordinary hard soap.

PILICHOWSKI, B.

"Reduction of the Amount of Foam in the Fermentation Industry." P. 337.
(PRZEMYSŁ ROLNY I SPOŻYWCZY, Vol. 8, No. 9, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4.
No. 1, Jan. 1955 Uncl.